



SEQUENCE LISTING

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<120> METHODS AND CONSTRUCTS FOR INCREASING THE CONTENT OF
SELECTED AMINO ACIDS IN SEEDS

<130> 108306-00024

<140> 10/787,393

<141> 2004-02-27

<150> FI 2003035

<151> 2003-02-28

<160> 27

<170> PatentIn Ver. 3.3

<210> 1

<211> 45

<212> DNA

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<220>

<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1

gcgcctcgag ttcacccatca ccatcaccat cacgggcacc atcac

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<210> 2

<211> 17

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 2

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17

<210> 3

<211> 45

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 3
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<212> DNA
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<210> 5
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<212> DNA
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<223> Description of Artificial Sequence: Synthetic
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<400> 5
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<210> 6
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<212> DNA
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<210> 7
<211> 60
<212> DNA
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<223> Description of Artificial Sequence: Synthetic
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<210> 8
 <211> 66
 <212> DNA
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<220>
 <223> Description of Artificial Sequence: Synthetic
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 atcccc 66

<210> 9
 <211> 66
 <212> DNA
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<220>
 <223> Description of Artificial Sequence: Synthetic
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<400> 9
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 aggcgc 66

<210> 10
 <211> 34
 <212> DNA
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<400> 10
 aaaaccatgg cggatacagc tagaggaacc catc 34

<210> 11
 <211> 37
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 primer

<400> 11
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<210> 12
 <211> 31
 <212> DNA
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<220>

<223> Description of Artificial Sequence: Synthetic primer

<400> 12

gcgcctcgag aagtagtgtg ctggccacca c

31

<210> 13

<211> 31

<212> DNA

<213> Artificial Sequence

<220>

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<400> 13

gcggaattcc catggctcta gttgttaaag g

31

<210> 14

<211> 32

<212> DNA

<213> Artificial Sequence

<220>

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<400> 14

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<210> 15

<211> 31

<212> DNA

<213> Artificial Sequence

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<400> 15

tgtgggatcc tacgcaacgg gagagcacc a

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<210> 16

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic primer

<400> 16
tcttactcga gtgaaaccaa attaac

26

<210> 17
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
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<400> 17
cttgtagcc atggtttgct atttgctg

27

<210> 18
<211> 4
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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
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<210> 19
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<222> (3)..(65)

<400> 19
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Arg Val His His His His Leu His His Gly His His His His His
1 5 10 15

47

cat cac cat ggt cga ctt taggatcc
His His His Gly Arg Leu
20

73

<210> 20
<211> 21
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 20

Arg Val His His His His Leu His His Gly His His His His His His
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His His Gly Arg Leu
20

<210> 21

<211> 50

<212> DNA

<213> Artificial Sequence

<220>

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oligonucleotide

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<221> CDS

<222> (6)..(44)

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1 5 10

<210> 22

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 22

Arg Val Cys Cys Cys Met Cys Met Cys Cys Cys Met Ser
1 5 10

<210> 23

<211> 57

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<220>

<221> CDS

<222> (7)..(42)

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 1 5 10

tcccc

57

<210> 24

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
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<400> 24

Arg Val Gly Gly Gly Gly Gly Gly Gly Gly Gly Val
 1 5 10

<210> 25

<211> 66

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
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<220>

<221> CDS

<222> (7)..(51)

<400> 25

gcgcct cga gtt aaa aag aaa aag aaa aag aaa aag aaa aag aaa aag 48
 Arg Val Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys
 1 5 10

gtc gacaaatgga tcccc

66

Val

15

<210> 26

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 oligonucleotide

<400> 26

Arg Val Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys Val
1 5 10 15

<210> 27

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic 6x
His tag

<400> 27

His His His His His His
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